

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Wayne D. Frasch *et al.*  
Application Serial No. : 10/538,534  
Date of Filing : June 10, 2005  
Title : *POLARIZATION-ENHANCED DETECTOR  
WITH GOLD NANORODS FOR DETECTING  
NANOSCALE ROTATIONAL MOTION AND  
METHOD THEREFOR*  
Confirmation Number : 4137  
Group Art Unit : 1634  
Examiner : Shaw, Amanda Marie  
USPTO Customer No. : 26707  
Attorney Docket No. : 112624.00089

---

RESPONSE UNDER 37 C.F.R. §1.111

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated January 18, 2007,  
Applicants respectfully request the Examiner to reconsider and  
further examine the Application in view of the amendments and/or  
comments as set forth below.

Amendments to the Specification: None.  
Amendments to the Claims: Begin on page 2.  
Amendments to the drawings: None.  
Remarks: Begin on page 8.